

SEQUENCE LISTING

<110> Knutzon, Debbie

<120> POLYUNSATURATED FATTY ACIDS IN PLANTS

<130> MOCO.156.00US

<140> 09/330,235

<141> 1999-06-10

<150> 60/089,043

<151> 1998-06-12

<160> 22

<170> PatentIn version 3.0

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<213> Caenorhabditis elegans

<400> 1

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 Pro Arg Ile Gln Leu Pro Thr Val Asp Ala Phe Arg Arg Ala Ile Pro
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 Glu Tyr Phe Gly Leu Phe Gly Tyr Leu Val Trp Asn Ile Phe Met Gly
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 Val Phe Gly Phe Ala Leu Phe Val Val Gly His Asp Cys Leu His Gly
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 Trp Ile Gln Asp Lys Asp Trp Glu Ala Met Pro Ser Trp Lys Arg Trp

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Ser Asn Trp Phe Trp Tyr Tyr Trp Val Pro Leu Ser Phe Phe Gly Leu		
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Pro	Leu	Arg	Ser	Met	Ser	Tyr	Val	Thr	Arg	Asp	Ile	Phe	Ala	Val	Ala	50	55	60	
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<400> 12

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 65 70 75 80
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 195 200 205
 Leu Gly His His Pro Tyr Thr Asn Ile Ala Gly Ala Asp Pro Asp Val
 210 215 220
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 225 230 235 240
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 Asp Tyr Ala His Asp Ser His Leu Trp Thr Ser Ile Thr Gly Ser Leu
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 385 390 395 400
 Tyr Pro Asp Ile Leu Ala Ile Ile Lys Asn Thr Cys Ser Glu Tyr Lys
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 Asp His Pro Gly Gly Ser Val Ile Leu Thr His Val Gly Lys Asp Gly
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His Asn Thr His His Ala Ala Pro Asn Val His Gly Glu Asp Pro Asp		
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Phe Ser Asp Val Pro Asp Glu Glu Leu Thr Arg Met Trp Ser Arg Phe		
245	250	255
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Glu	Asn	Ala	Ala	Ala	Ala	Val	Gln	Glu	Glu	Asp	Met	Ser	Val	His	Leu	
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Val Thr Lys Tyr Tyr Ile Val Pro Tyr Leu Phe Val Asn Phe Trp Leu
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Val Leu Ile Thr Phe Leu Gln His Thr Asp Pro Lys Leu Pro His Tyr
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Arg Glu Gly Ala Trp Asn Phe Gln Arg Gly Ala Leu Cys Thr Val Asp
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Arg Ser Phe Gly Lys Phe Leu Asp His Met Phe His Gly Ile Val His
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Thr His Val Ala His His Leu Phe Ser Gln Met Pro Phe Tyr His Ala
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Glu Glu Ala Thr Tyr His Leu Lys Lys Leu Leu Gly Glu Tyr Tyr Val
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